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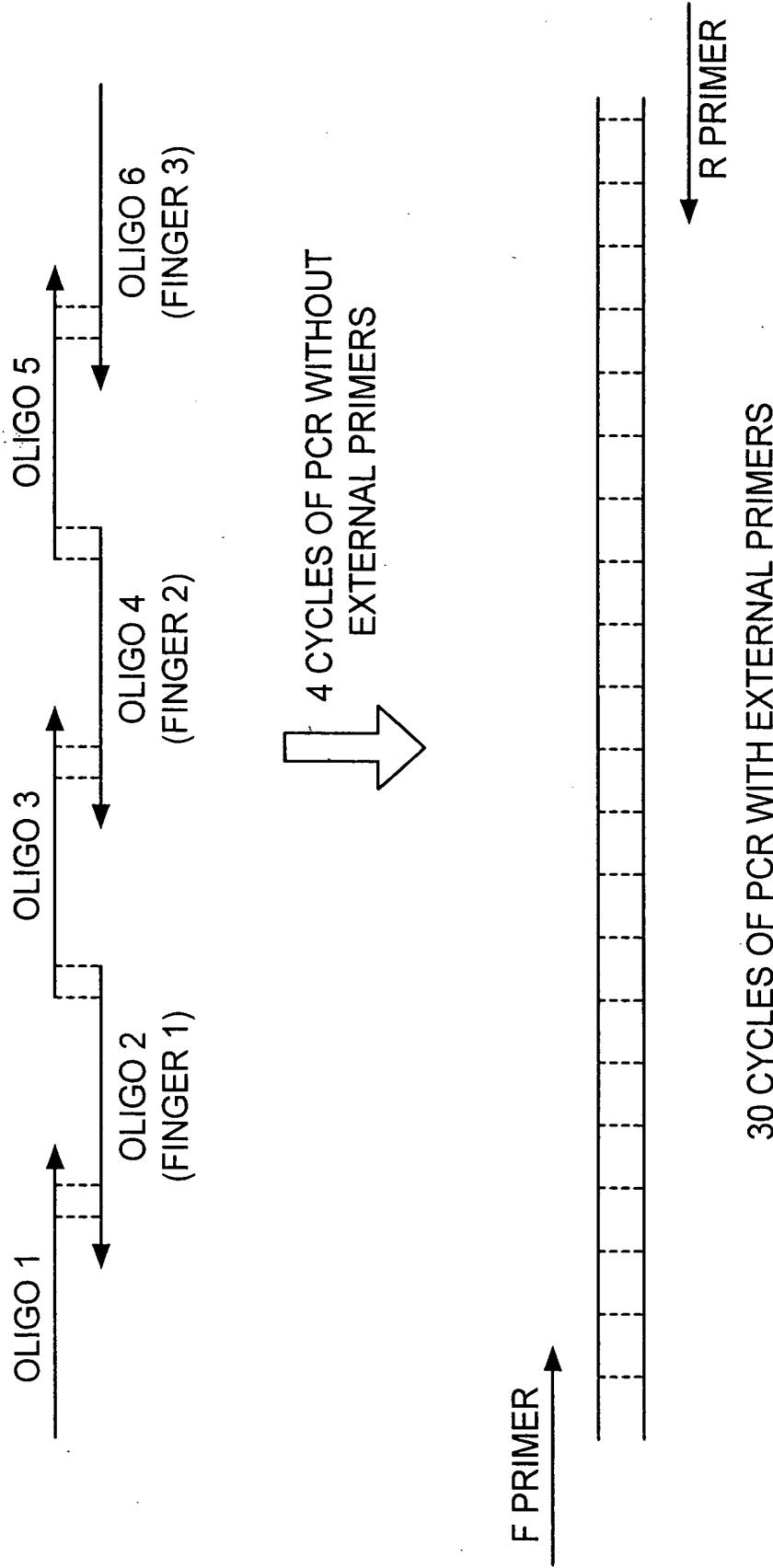


FIG. 1.



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FRAGMENT
WITH DNaseI REASSEMBLE
FRAGMENTS

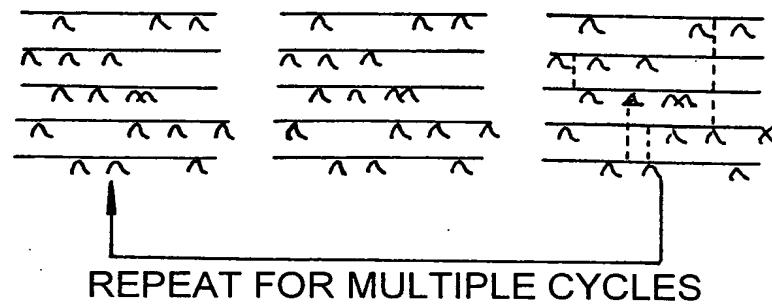
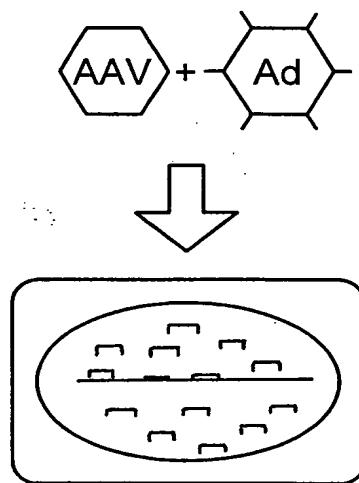


FIG. 2.

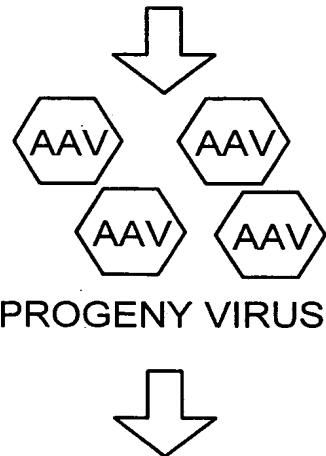


AAV LIFE CYCLE

LYTIC CYCLE PRESENCE OF HELPER



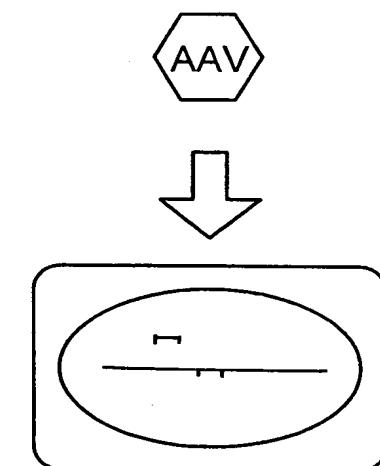
REPLICATION



PROGENY VIRUS

VIRUS PRODUCTION

LATENT CYCLE ABSENCE OF HELPER



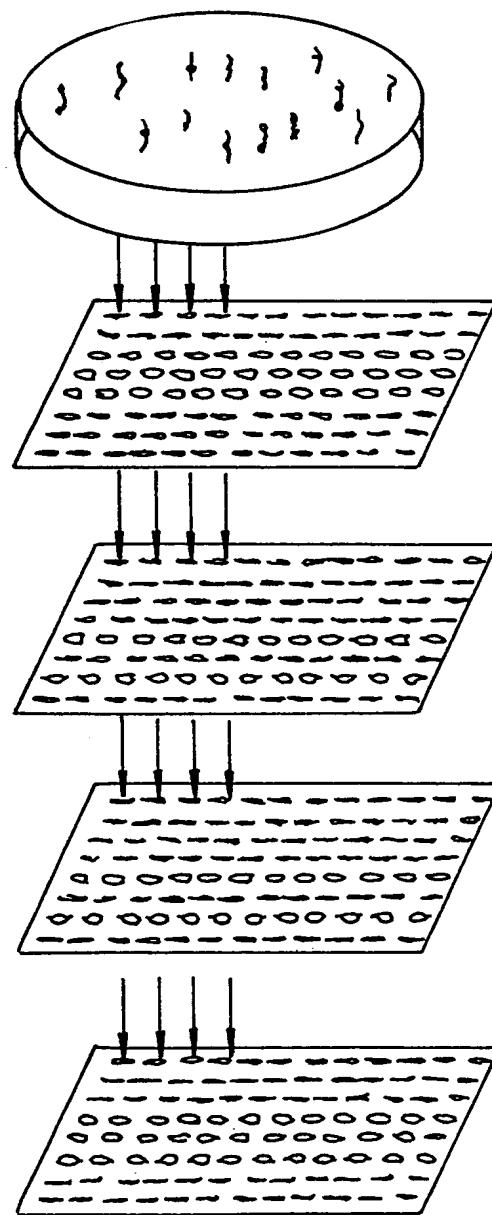
EPISOMAL/INTEGRATED



GENE TRANSFER
AND EXPRESSION

TRANSDUCTION

FIG. 3.



BACTERIAL COLONIES
CONTAINING AAV-ZFP PLASMID.
EACH COLONY CONTAINS A
SINGLE LIBRARY MEMBER

SMALL SCALE BACTERIAL
CULTURES IN 96 WELL
ARRAYS

EXTRACTION OF AAV-ZFP
PLASMID DNA IN
MATCHED ARRAYS

TRANSFECTION OF AAV-
ZFP PLASMID AND HELPER
PLASMID ONTO 293 CELLS
IN MATCHED ARRAYS

HARVEST rAAV-ZFP VIRAL
PARTICLES EACH CONTAINING
A SINGLE LIBRARY MEMBER

FIG. 4.



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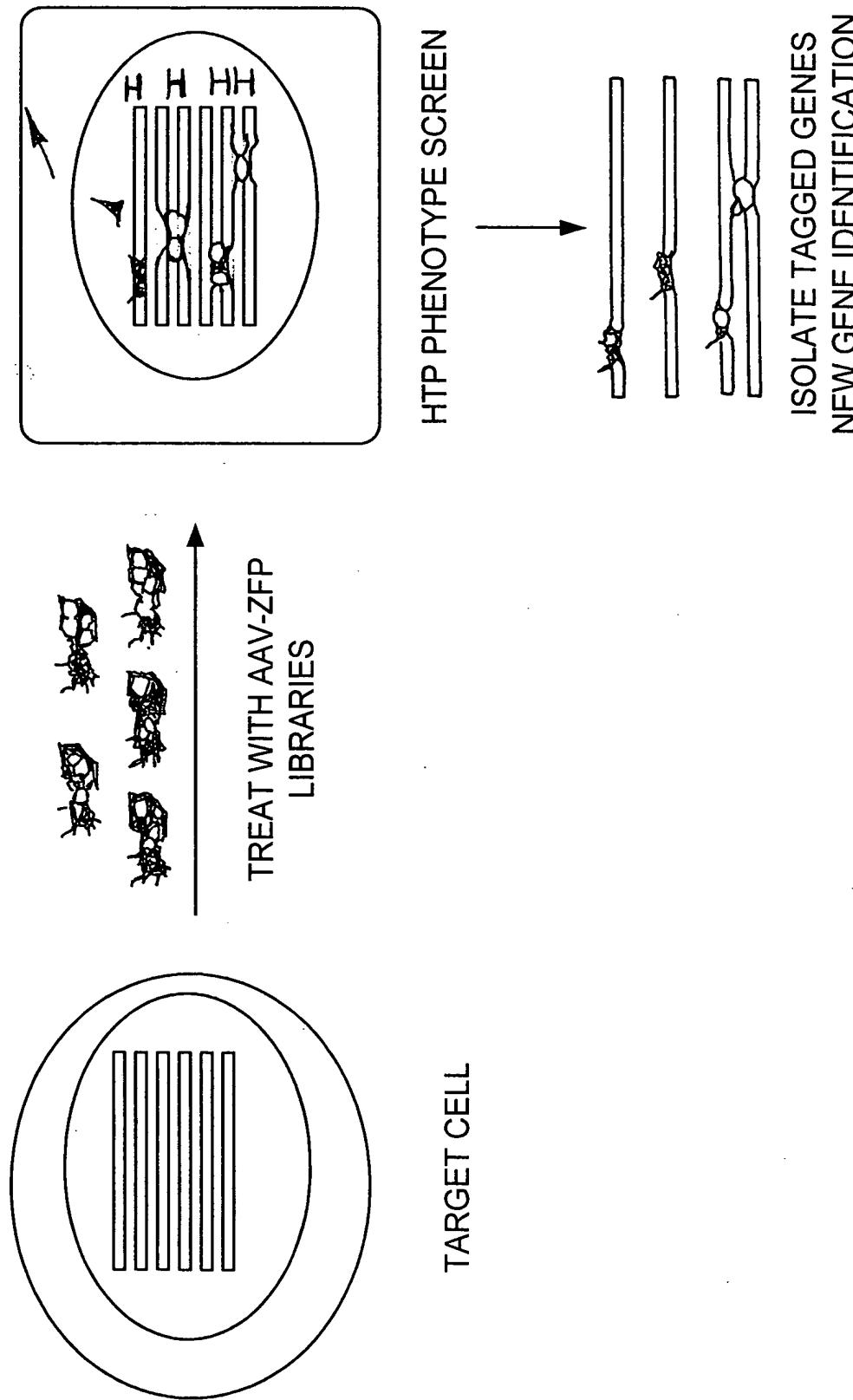


FIG. 5.